

**Work Order ID 78509****\*78509\***

Page 1

Tuesday, January 10, 2012 1:35:52 PM

Item ID: D427-659-013

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Bearpaw/Ski

Start Date: 1/11/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 1/23/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: *mt*Date: *12-1-11*

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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**Draw Nbr****Revision Nbr**

IIN D412-659

Rev A

100

0.00

**\*100\***

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile &amp; type labels per PPPD427-659-013

CHG001

*S 12/1/11/70**for MLS 12-1-11*  
*(1)*

110

Pick Kit

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

*SP 12-01-11*

120

QC4- 100% Inspect kits for completeness

0.00

**\*120\***

QC

Memo

0.00

Quality Control

*S 12/1/11/70**(X)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 78509****\*78509\***

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Tuesday, January 10, 2012 1:35:52 PM

Item ID: D427-659-013

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Bearpaw/Ski

Start Date: 1/11/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 1/23/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00

**\*130\***

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D427-659-

013 Location: SHIP PPP Rev: PART

140

QC21- Final Inspection - Work Order Release

0.00

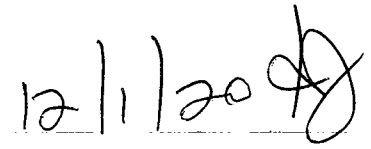
**\*140\***

QC

Memo

0.00

Quality Control



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 78509

Parent Item: D427-659-013

Parent Item Name: Bearpaw/Ski

Start Date: 1/11/2012

Required Date: 1/23/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 07-05-22 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-15A Bolt		Purchased	No			120	Each	17.0000	36				
-----------------	--	-----------	----	--	--	-----	------	---------	----	--	--	--	--

Location	Loc Qty	Loc Code
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ST358	17	
-------	----	--

118706	17	
--------	----	--

AN960JD416 Washer	NAS1149D0463J	Purchased	No			120	Each	0.0000	36				
----------------------	---------------	-----------	----	--	--	-----	------	--------	----	--	--	--	--

D2182 Heat Shrink		Manufactured	No			120	f	492.3763	7.5	7.8947368			
----------------------	--	--------------	----	--	--	-----	---	----------	-----	-----------	--	--	--

D2182 BOSO  
Cut (18) at 5.00" *masses*  
Per kit *Size 11/10*

Location	Loc Qty	Loc Code
----------	---------	----------

ST402A	492.3763237	
--------	-------------	--

21864	142.376324	
-------	------------	--

26009	256	
-------	-----	--

3999	94	
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D2274 Radius Block		Manufactured	No			120	Each	149.0000	36				
-----------------------	--	--------------	----	--	--	-----	------	----------	----	--	--	--	--

Location	Loc Qty	Loc Code
----------	---------	----------

ST007	149	
-------	-----	--

73389	1	
-------	---	--

76104	66	
-------	----	--

77034	82	
-------	----	--

D2438 Clamp		Manufactured	No			120	Each	97.0000	18				
----------------	--	--------------	----	--	--	-----	------	---------	----	--	--	--	--

Location	Loc Qty	Loc Code
----------	---------	----------

ST456	97	
-------	----	--

69737	79	
-------	----	--

73400	18	
-------	----	--

*m120187 SP*

*m119075 SP*

*7.9*

*7.9*

*SP 36*

*36 X*

*SP 18 12-01-18*

*18 X*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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# Picklist Print

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Work Order ID: 78509

Parent Item: D427-659-013

Parent Item Name: Bearpaw/Ski

Start Date: 1/11/2012

Required Date: 1/23/2012

Start Qty: 1.00

Required Qty: 1.00

D2529 Washer Manufactured No 120 Each 166.0000 16

16 SP

Location Loc Qty Loc Code

ST010 166  
76086 166

16x

D2732 Rubber Extrusion Manufactured No 120 f 286.7060 7.5

7.5

Location Loc Qty Loc Code

ST410 286.706  
70987 286.706

D3003-1 Ski-Fwd Section Manufactured No 120 Each 0.0000 2

2

78521

D3004-1 Ski-Center Section Manufactured No 120 Each 0.0000 2

2

78522

D3005-041 Wearplate Manufactured No 120 Each 0.0000 2

2

B 78523

D3006-041 Wearplate Manufactured No 120 Each 2.0000 2

2

SP<sup>2</sup>

Location Loc Qty Loc Code

ST262 2  
56188 2

2x

MS21042L4 Nut Purchased No 120 Each 7,905.0000 36

36

SP 12-01-19.

Location Loc Qty Loc Code

ST300 7905  
117441 51  
117601 342  
118451 133  
119017 2379  
119075 5000

36x

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Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

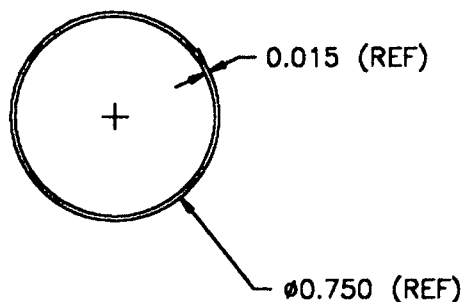
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries



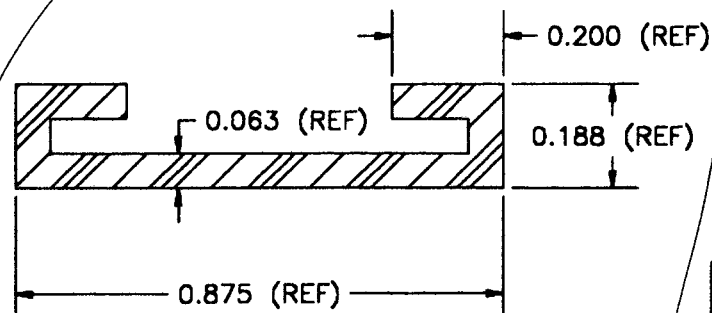
RELEASED  
97/05/16 DS



D2182-050, HEAT SHRINK  
LENGTH

EG: 3.5 LONG: D2182-035  
10 LONG: D2182-100

MATERIAL: RAYCHEM RNF-100-3/4-CL  
HEAT SHRINKABLE INSULATION SLEEVING



W-WHITE  
B-BLACK  
D2182W050, RUBBER CUSHION  
LENGTH

EG: WHITE 3.5 LONG: D2182W035  
BLACK 10 LONG: D2182B100

MATERIAL: SANTOPRENE 101-73  
CONFORMS TO MIL-R-3065

DART



PREPARED	KE	DART AERO ACCESSORIES INC VICTORIA INTERNATIONAL AIRPORT, CANADA
CHECKED	APPROVED	REV. C
DATE	DATE	SHEET 1 OF 1
JAN. 6, 1995	RUBBER CUSHION	SCALE
B	97:04:07	ADD MATERIAL SPECIFICATION
C	97:05:14	ADD HEAT SHRINK

REFERENCE ONLY

## 32.4 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D427-659-011	13 lb	0.0 in	0.0 in-lb	251.1 in	3264 in-lb
Bearpaw Installation	5.9 kg	0.0 m	0.0 m-kg	6.38 m	37.6 m-kg
D427-659-013	53 lb	0.0 in	0.0 in-lb	208.6 in	11056 in-lb
Bearpaw/Ski Installation	24.0 kg	0.0 m	0.0 m-kg	5.30 m	127.2 m-kg

## 32.5 PARTS LIST

Qty -013	Qty -011	Part Number	Description
X		D427-659-013	BEARPAW/SKI INSTALLATION
1	X	D427-659-011	BEARPAW INSTALLATION
18	6	D2182B050	RUBBER CUSHION
36	12	D2274	RADIUS BLOCK
	2	D2432F	BEARPAW
18	6	D2438	CLAMP
16	12	D2529	WASHER
2		D3003-1	SKI-FWD SECTION
2		D3004-1	SKI-CENTER SECTION
2		D3005-041	WEARPLATE
2		D3006-041	WEARPLATE
36	12	AN4-15A	BOLT
36	12	AN960JD416	WASHER
36	12	MS21042L4	NUT (OR MS21042-4)

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32-00-00